



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

August 8, 2008

Mark Sedlacek
Manager, Corporate Environmental Services
Los Angeles Department of Water and Power
111 North Hope Street, Room 1050
Los Angeles, CA 90012

Re: Title V Renewal Permit, Harbor Generating Station, ID# 800170
A/N 433140

Dear Mr. Sedlacek:

Please find attached your Title V Permit renewal for equipment located at 161 N Island Ave., Wilmington, CA 90744 (ID# 800170). The Title V permit renewal is issued for a new 5 year term beginning August 8, 2008 and ending on August 7, 2013.

The following modifications were made to the permit in response to your comment of July 8, 2008:

- The range for water to fuel ratio for Condition D12.7 was corrected to between 0.00098 and 0.001.

Thank you for providing the necessary information that allowed the AQMD to complete the evaluation of your facility with respect to the federal Title V requirements. Questions concerning your Title V permit should be directed Mr. Chris Perri at (909) 396-2696 or cperri@aqmd.gov.

Sincerely,

Michael D. Mills

Michael D. Mills, P.E.
Senior Manager
General Commercial and Energy Team
Engineering and Compliance

MM:MYL:RGC:CGP
Enclosure

cc: Title V Administration, w/o attachment
Compliance
Energy Unit File

Cleaning the air that we breathe...



South Coast Air Quality Management District

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August 8, 2008

Gerardo Rios
Chief – Permits Office
U.S. EPA – Region IX – Air 3
75 Hawthorne Street
San Francisco, CA 94105

Re: Transmittal of Renewal Title V Permit
LADWP, Harbor Generating Station ID# 800170
A/N 433140

Dear Mr. Rios: *Gerardo*

Enclosed is one final renewal Title V permit issued by the South Coast Air Quality Management District (AQMD). The draft copy of this permit was submitted to EPA Region IX for a 45-day review and made available to the public for a 30-day public comment period. The AQMD did not receive any public comments on the draft permit. As of August 8, 2008, this Title V permit replaces the initial Title V permit.

If there are specific questions on the final permit, please contact permitting engineer Mr. Chris Perri of our General Commercial and Energy team at (909) 396-2696. Questions on the AQMD's Title V permitting program may be referred to me at (909) 396-2662 or Michael D. Mills, the Senior Manager of the team, at (909) 396-2578.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mohsen Nazemi', is written over the word 'Sincerely,'.

Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering and Compliance

MN:MDM:RGC:CGP

Enclosure

cc: Title V Facility File
Title V Admin File

Cleaning the air that we breathe...



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Title Page
Facility I.D.#: 800170
Revision #: 28
Date: August 08, 2008

FACILITY PERMIT TO OPERATE

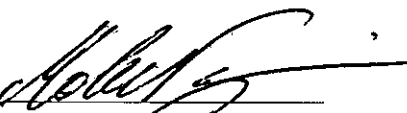
**LA CITY, DWP HARBOR GENERATING STATION
161 N ISLAND AVE
WILMINGTON, CA 90744**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By 
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

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**FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION**

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: LA CITY, DWP HARBOR GENERATING STATION

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 161 N ISLAND AVE
WILMINGTON, CA 90744-6303

MAILING ADDRESS: P.O. BOX 51111 RM 1050
LOS ANGELES, CA 90051-0100

RESPONSIBLE OFFICIAL: ARAM BENYAMIN

TITLE: ACTING SENIOR ASSISTANT GENERAL MANAGER

TELEPHONE NUMBER: (213) 367-4435

CONTACT PERSON: MARK SEDLACEK

TITLE: DIRECTOR OF ENVIRONMENTAL SERVICES

TELEPHONE NUMBER: (213) 367-0403

TITLE V PERMIT ISSUED: August 08, 2008

TITLE V PERMIT EXPIRATION DATE: August 07, 2013

TITLE V		RECLAIM	
YES	NOx:	YES	
	SOx:	NO	
	CYCLE:	1	
	ZONE:	COASTAL	



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year		Zone	NO _x RTC Initially Allocated	NO _x RTC ¹ Holding as of 08/08/08 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
Begin	End				
(month/year)					
7/2005	6 /2006	Coastal	0	495	0
1/2006	12/2006	Coastal	51976	235722	0
7/2006	6 /2007	Coastal	0	0	0
1/2007	12/2007	Coastal	51976	123068	0
1/2008	12/2008	Coastal	51976	266000	1403
1/2009	12/2009	Coastal	51976	43088	2807
1/2010	12/2010	Coastal	51976	41685	4210
1/2011	12/2011	Coastal	51976	40281	5613
1/2012	12/2012	Coastal	51976	40281	5613
1/2013	12/2013	Coastal	51976	40281	5613
1/2014	12/2014	Coastal	51976	40281	5613
1/2015	12/2015	Coastal	51976	40281	5613
1/2016	12/2016	Coastal	51976	40281	5613
1/2017	12/2017	Coastal	51976	40281	5613
1/2018	12/2018	Coastal	51976	40281	5613
1/2019	12/2019	Coastal	51976	40281	5613
1/2020	12/2020	Coastal	51976	40281	5613

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year		Zone	NO _x RTC Initially Allocated	NO _x RTC ¹ Holding as of 08/08/08 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
Begin (month/year)	End				
1/2021	12/2021	Coastal	51976	40281	5613
1/2022	12/2022	Coastal	51976	40281	5613
1/2023	12/2023	Coastal	51976	40281	5613

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase an annual allocation to a level greater than the facility's Starting Allocation plus Non-Tradable Credits as listed below, the application will be evaluated for compliance with Rule 2005(c)(4). Rule 2005(e)-Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC	Non-Tradable
Begin	End		Starting Allocation (pounds)	Credits(NTCs) (pounds)
1/1994	12/1994	Coastal	89074	260250



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Section C Page 1
Facility I.D.#: 800170
Revision #: 8
Date: August 08, 2008

FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
System 1 : Simple Cycle Turbines					
GAS TURBINE, NO. 10, DIESEL FUEL, NATURAL GAS, GE, MODEL LM6000 ENHANCED SPRINT, SIMPLE CYCLE, WITH STEAM OR WATER INJECTION, LOW NITROGEN FUEL, 466.8 MMBTU/HR WITH A/N:	D101	C103 C105	NOX: MAJOR SOURCE**	<p>CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; CO: 6 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]</p> <p>NOX: 5 PPMV (4) [RULE 2005,5-6-2005] ; NOX: 130.3 PPMV FUEL OIL (8) [40CFR 60 Subpart GG,3-6-1981] ; NOX: 114.5 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG,3-6-1981]</p> <p>NOX: 34 LBS/HR (4) [RULE 2005,5-6-2005] ; PM: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 11 LBS/HR (5B) [RULE 475,10-8-1976]</p> <p>RULE 475,8-7-1978] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997]</p>	<p>A63.2, A99.9, A99.10, A99.11, A195.8, A195.9, A327.1, B75.1, C1.6, C6.2, D12.7, D29.2, D29.3,</p> <p>D82.2, D82.3, E57.1, E73.2, H23.7, I296.1</p>

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
GENERATOR, (LIMITED BY TURBINE OUTPUT TO 47.4 MW), 60.5 MW				SOX: 150 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG,3-6-1981] ; VOC: 2 PPMV (4) [RULE 1303(a)(1)-BACT,5- 10-1996;RULE 1303(a)(1)- BACT,12-6-2002]	
SELECTIVE CATALYTIC REDUCTION, NO. 10, ENGELHARD, WITH 1671 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 3 FT; HEIGHT: 51 FT; LENGTH: 11 FT WITH A/N: 463098 AMMONIA INJECTION, GRID	C103	D101		NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]	A195.10, D12.8, D12.9, D12.10, E179.4, E179.5, E193.1
CO OXIDATION CATALYST, NO. 10, ENGELHARD, WITH 835 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 463098	C105	D101			
STACK, TURBINE NO. 10 A/N:	S106				

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Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
GAS TURBINE, NO. 11, DIESEL FUEL, NATURAL GAS, GE, MODEL LM6000 ENHANCED SPRINT, SIMPLE CYCLE, WITH STEAM OR WATER INJECTION, LOW NITROGEN FUEL, 466.8 MMBTU/HR WITH A/N:	D107	C109 C111	NOX: MAJOR SOURCE**	<p>CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; CO: 6 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]</p> <p>NOX: 5 PPMV (4) [RULE 2005,5-6-2005] ; NOX: 130.3 PPMV FUEL OIL (8) [40CFR 60 Subpart GG,3-6-1981] ; NOX: 114.5 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG,3-6-1981]</p> <p>NOX: 34 LBS/HR (4) [RULE 2005,5-6-2005] ; PM: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 11 LBS/HR (5B) [RULE 475,10-8-1976]</p> <p>RULE 475,8-7-1978] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997]</p>	<p>A63.2, A99.9, A99.10, A99.11, A195.8, A195.9, A327.1, B75.1, C1.6, C6.2, D12.7, D29.2, D29.3,</p> <p>D82.2, D82.3, E57.1, E73.2, H23.7, I296.1</p>

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GENERATOR, (LIMITED BY TURBINE OUTPUT TO 47.4 MW), 60.5 MW				SOX: 150 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG,3-6-1981] ; VOC: 2 PPMV (4) [RULE 1303(a)(1)-BACT,5- 10-1996;RULE 1303(a)(1)- BACT,12-6-2002]	
SELECTIVE CATALYTIC REDUCTION, NO. 11, ENGELHARD, WITH 1671 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 3 FT; HEIGHT: 51 FT; LENGTH: 11 FT A/N: 463099	C109	D107		NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]	A195.10, D12.8, D12.9, D12.10, E179.4, E179.5, E193.1
CO OXIDATION CATALYST, NO. 11, ENGELHARD, WITH 835 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 463099	C111	D107			
STACK, TURBINE NO. 11 A/N:	S112				
GAS TURBINE, NO. 12, DIESEL FUEL, NATURAL GAS, GE, MODEL LM6000 ENHANCED SPRINT, SIMPLE CYCLE, WITH STEAM OR WATER INJECTION, LOW NITROGEN FUEL, 466.8 MMBTU/HR WITH A/N:	D113	C115 C117	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 409,8-7-1981] ; CO: 6 PPMV (4) [RULE 1303(a)(1)-BACT,5- 10-1996;RULE 1303(a)(1)- BACT,12-6-2002]	A63.2, A99.9, A99.10, A99.11, A195.8, A195.9, A327.1, B75.1, C1.6, C6.2, D12.7, D29.2, D29.3,

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FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
SELECTIVE CATALYTIC REDUCTION, NO. 12, ENGELHARD, WITH 1671 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 3 FT; HEIGHT: 51 FT; LENGTH: 11 FT A/N: 463100	C115	D113		NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]	A195.10, D12.8, D12.9, D12.10, E179.4, E179.5, E193.1
CO OXIDATION CATALYST, NO. 12, ENGELHARD, WITH 835 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 463100	C117	D113			
STACK, TURBINE NO. 12 A/N:	S118				
GAS TURBINE, UNIT NO. 13, DIESEL FUEL, NATURAL GAS, GE, MODEL LM6000 ENHANCED SPRINT, SIMPLE CYCLE, WITH STEAM OR WATER INJECTION, LOW NITROGEN FUEL, 466.8 MMBTU/HR WITH A/N:	D119	C121 C123		CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; CO: 6 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] NOX: 5 PPMV (4) [RULE 2005,5-6-2005] ; NOX: 130.3 PPMV DIESEL (8) [40CFR 60 Subpart GG,3-6-1981] ; NOX: 114.5 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG,3-6-1981]	A63.2, A99.9, A99.10, A99.11, A195.8, A195.9, A327.1, B75.1, C1.6, C6.2, D12.7, D29.2, D29.3, D82.2, D82.3, E57.1, E73.2, H23.7, I296.1

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
GENERATOR, (LIMITED BY TURBINE OUTPUT TO 47.4 MW), 60.5 MW				NOX: 34 LBS/HR (4) [RULE 2005,5-6-2005] ; PM: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 11 LBS/HR (5A) [RULE 475,10-8-1976 RULE 475,8-7-1978] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SO ₂ : (9) [40CFR 72 - Acid Rain Provisions,11-24-1997] SOX: 150 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] ; VOC: 2 PPMV (4) [RULE 1303(a)(1)- BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]	
SELECTIVE CATALYTIC REDUCTION, NO. 13, ENGELHARD, WITH 1671 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 3 FT; HEIGHT: 51 FT; LENGTH: 11 FT A/N: 463101	C121	D119		NH ₃ : 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]	A195.10, D12.8, D12.9, D12.10, E179.4, E179.5, E193.1
CO OXIDATION CATALYST, NO. 13, ENGELHARD, WITH 835 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 463101	C123	D119			

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
STACK, TURBINE NO. 13 A/N:	S124				
GAS TURBINE, NO. 14, DIESEL FUEL, NATURAL GAS, GE, MODEL LM6000 ENHANCED SPRINT, SIMPLE CYCLE, WITH STEAM OR WATER INJECTION, LOW NITROGEN FUEL, 466.8 MMBTU/HR WITH A/N:	D125	C127 C129	NOX: MAJOR SOURCE**	<p>CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; CO: 6 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]</p> <p>NOX: 5 PPMV (4) [RULE 2005,5-6-2005] ; NOX: 130.3 PPMV FUEL OIL (8) [40CFR 60 Subpart GG,3-6-1981] ; NOX: 114.5 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG,3-6-1981]</p> <p>NOX: 34 LBS/HR (4) [RULE 2005,5-6-2005] ; PM: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] ; PM: 11 LBS/HR (5B) [RULE 475,10-8-1976]</p> <p>RULE 475,8-7-1978] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997]</p>	<p>A63.2, A99.9, A99.10, A99.11, A195.8, A195.9, A327.1, B75.1, C1.6, C6.2, D12.7, D29.2, D29.3,</p> <p>D82.2, D82.3, E57.1, E73.2, H23.7, I296.1</p>

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
GENERATOR, (LIMITED BY TURBINE OUTPUT TO 47.4 MW), 60.5 MW				SOX: 150 PPMV NATURAL GAS (8) [40CFR 60 Subpart GG,3-6-1981] ; VOC: 2 PPMV (4) [RULE 1303(a)(1)-BACT,5- 10-1996;RULE 1303(a)(1)- BACT,12-6-2002]	
SELECTIVE CATALYTIC REDUCTION, NO. 14, ENGELHARD, WITH 1671 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 3 FT; HEIGHT: 51 FT; LENGTH: 11 FT A/N: 463102	C127	D125		NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]	A195.10, D12.8, D12.9, D12.10, E179.4, E179.5, E193.1
CO OXIDATION CATALYST, NO. 14, ENGELHARD, WITH 835 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 463102	C129	D125			
STACK, TURBINE NO. 14 A/N:	S130				
System 2 : Combined Cycle Unit No. 1					
GAS TURBINE, UNIT NO. 1, FUEL OIL, NATURAL GAS, GENERAL ELECTRIC, MODEL MS7001EA, COMBINED CYCLE, WITH STEAM OR WATER INJECTION, LOW NITROGEN FUEL, 1088 MMBTU/HR WITH A/N: 410702	D43	C45	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; CO: 10 PPMV (4) [RULE 1303(a)(1)-BACT,5- 10-1996] ; NH3: 20 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996]	A99.1, A99.2, A99.3, A99.4, A99.5, A99.6, A99.7, A195.1, A195.2, A195.3, A195.4, A195.5, A195.6,

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
GENERATOR, ELECTRICAL, 95.6 MW				<p>NH3: 5 PPMV FUEL OIL (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 9 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 5 PPMV (5B) [RULE 2009,5-11-2001]</p> <p>NOX: 99 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] ; NOX: 73.769 LBS/1000 GAL FUEL OIL (1) [RULE 2012,5-11-2001;RULE 2012,12-5-2003]</p> <p>NOX: 15 PPMV FUEL OIL (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 7 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996]</p> <p>PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: 0.05 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978]</p> <p>SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997] ; SOX: 500 PPMV FUEL OIL (5) [RULE 407,4-2-1982]</p>	<p>A195.7, A195.13, B61.1, B75.2, B163.1, D12.1, D12.2, D28.2, D28.3, D82.1, D90.1, D371.1, E54.1, E179.1, E179.2, E179.3, H23.7, K171.1</p>

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)

(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
<p>GENERATOR, HEAT RECOVERY STEAM, HIGH PRESSURE RATING OF 278,000 LBS/HR</p> <p>TURBINE, NO. 4, WESTINGHOUSE ELECTRIC COMPANY, ELECTRICAL, IN COMMON WITH COMBINED CYCLE 2, 86.25 MW</p> <p>TURBINE, NO. 5, WESTINGHOUSE ELECTRIC COMPANY, ELECTRICAL, IN COMMON WITH COMBINED CYCLE NO. 1, 86.25 MW</p>					
OXIDIZER, NO. 1, MONOLITHIC BED TYPE, 280 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 191127	C45	D43 C46			D12.3, E179.2, E179.3
<p>SELECTIVE CATALYTIC REDUCTION, NO. 1, VANADIUM PENTOXIDE CATALYST BED, 2639 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 24 FT 1.5 IN; HEIGHT: 53 FT 2 IN; LENGTH: 12 FT WITH</p> <p>A/N: 191127</p> <p>AMMONIA INJECTION, INJECTION GRID, 1008 INJECTION PORTS</p>	C46	C45 S48			C6.1, D12.4, E179.2, E179.3

- | | |
|---|--|
| <p>* (1)(1A)(1B) Denotes RECLAIM emission factor</p> <p>(3) Denotes RECLAIM concentration limit</p> <p>(5)(5A)(5B) Denotes command and control emission limit</p> <p>(7) Denotes NSR applicability limit</p> <p>(9) See App B for Emission Limits</p> | <p>(2)(2A)(2B) Denotes RECLAIM emission rate</p> <p>(4) Denotes BACT emission limit</p> <p>(6) Denotes air toxic control rule limit</p> <p>(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)</p> <p>(10) See Section J for NESHAP/MACT requirements</p> |
|---|--|

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
STACK, GAS TURBINE NO.1 A/N: 410702	S48	C46			
System 3 : Combined Cycle Unit No. 2					
GAS TURBINE, UNIT NO. 2, FUEL OIL, NATURAL GAS, GENERAL ELECTRIC, MODEL MS7001EA, COMBINED CYCLE, WITH STEAM OR WATER INJECTION, LOW NITROGEN FUEL, 1088 MMBTU/HR WITH A/N: 410701	D49	C51	NOX: MAJOR SOURCE**	<p>CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; CO: 10 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NH3: 20 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996]</p> <p>NH3: 5 PPMV FUEL OIL (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 9 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 5 PPMV (5B) [RULE 2009,5-11-2001]</p> <p>NOX: 99 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] ; NOX: 73.769 LBS/1000 GAL FUEL OIL (1) [RULE 2012,5-11-2001;RULE 2012,12-5-2003]</p> <p>NOX: 15 PPMV FUEL OIL (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 7 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996]</p>	<p>A99.1, A99.2, A99.3, A99.4, A99.5, A99.6, A99.7, A195.1, A195.2, A195.3, A195.4, A195.5, A195.6,</p> <p>A195.7, A195.13, B61.1, B75.2, B163.1, D12.1, D12.2, D28.2, D28.3, D82.1, D90.1, D371.1, E54.2,</p> <p>E179.1, E179.2, E179.3, H23.7, K171.1</p>

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
<p>GENERATOR, ELECTRICAL, 95.6 MW</p> <p>GENERATOR, HEAT RECOVERY STEAM, HIGH PRESSURE RATING OF 278,000 LBS/HR</p> <p>TURBINE, NO. 5, WESTINGHOUSE ELECTRIC COMPANY, ELECTRICAL, IN COMMON WITH COMBINED CYCLE NO. 1, 86.25 MW</p> <p>TURBINE, NO. 4, WESTINGHOUSE ELECTRIC COMPANY, ELECTRICAL, IN COMMON WITH COMBINED CYCLE 2, 86.25 MW</p>				<p>PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: 0.05 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978]</p> <p>SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997] ; SOX: 500 PPMV FUEL OIL (5) [RULE 407,4-2-1982]</p>	
OXIDIZER, NO. 2, MONOLITHIC TYPE BED, 280 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 191126	C51	D49			D12.3, E179.2, E179.3

- * (1)(1A)(1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5)(5A)(5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
(10) See Section J for NESHAP/MACT requirements
- ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
SELECTIVE CATALYTIC REDUCTION, NO. 2, VANADIUM PENTOXIDE CATALYST BED, 2639 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 24 FT 1.5 IN; HEIGHT: 53 FT 2 IN; LENGTH: 12 FT WITH A/N: 191126 AMMONIA INJECTION, INJECTION GRID, 1008 INJECTION PORTS	C52	S54			C6.1, D12.4, E179.2, E179.3
STACK, GAS TURBINE NO. 2 A/N: 410701	S54	C52			
System 4 : Emergency IC Engine					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3412 DITTA, 4 DEGREE TIMING RETARD, WITH AFTERCOOLER, TURBOCHARGER, 896 HP A/N: 451771	D131		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] ; NOX: 469 LBS/1000 GAL (1) [RULE 2012,5-6-2005] NOX: 6.9 GRAM/BHP-HR (4) [RULE 2005,5-6-2005] ; PM: 0.38 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]	B59.1, C1.5, D12.11, E162.1, E193.2, H23.6, K67.7

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COMBUSTION; POWER GENERATION					
				VOC: 1 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]	
Process 2 : PETROLEUM STORAGE					
STORAGE TANK, FIXED ROOF, NO. 55002, FUEL OIL, 55000 BBL; DIAMETER: 100 FT; HEIGHT: 40 FT A/N: C25851	D17				H23.1
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 45001, FUEL OIL, 45000 BBL; DIAMETER: 102 FT 6 IN; HEIGHT: 55 FT WITH A/N: C25849 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE	D23				H23.1
STORAGE TANK, FIXED ROOF, NO. 55001, FUEL OIL, 55000 BBL; DIAMETER: 100 FT; HEIGHT: 40 FT A/N: C25850	D76				H23.1
Process 5 : INORGANIC CHEMICAL STORAGE					
STORAGE TANK, FIXED ROOF, NO. 1, AQUEOUS AMMONIA, 29950 GALS; DIAMETER: 16 FT; HEIGHT: 24 FT A/N: 272092	D29	C31			C157.1, E144.1

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5 : INORGANIC CHEMICAL STORAGE					
STORAGE TANK, FIXED ROOF, NO. 2, AQUEOUS AMMONIA, 29950 GALS; DIAMETER: 16 FT; HEIGHT: 24 FT A/N: 272093	D30	C33			C157.1, E144.1
SPARGER, NO. 1, AMMONIA, 350 GALS A/N: 272092	C31	D29 C32			E71.1, K67.5
SCRUBBER, PACKED BED, NO. 1, AMMONIA, POLYPROPYLENE PACKING, WITH A MIST ELIMINATOR, HEIGHT: 8 FT 4 IN; DIAMETER: 2 FT A/N: 272092	C32	C31			C8.1, K67.4
SPARGER, NO. 2, AMMONIA, 350 GALS A/N: 272093	C33	D30 C34			E71.1, K67.5
SCRUBBER, PACKED BED, NO. 2, AMMONIA, POLYPROPYLENE PACKING, WITH A MIST ELIMINATOR, HEIGHT: 8 FT 4 IN; DIAMETER: 2 FT A/N: 272093	C34	C33			C8.1, K67.4
Process 6 : OIL/WATER SEPARATION					
SUMP, WASTE OIL A/N: 457552	D35				H23.4
SUMP, WASTE WATER, CATCH BASIN A/N: 457552	D36				H23.4
OIL WATER SEPARATOR A/N: 457552	D37				H23.4

- * (1)(1A)(1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5)(5A)(5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : OIL/WATER SEPARATION					
TANK, HOLDING, WASTE WATER, 550 GALS; DIAMETER: 6 FT; HEIGHT: 4 FT A/N: 457552	D38				H23.4
TANK, WASTE WATER, SKIMMED OIL A/N: 457552	D39				H23.4
SKIMMING POND A/N: 457552	D40				H23.4
WASTE WATER SEPARATOR, HIGHLAND TANK MODEL: HT-4000, 24000 GALS/HR; 4000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 24 FT A/N: 387101	D194				B89.1, H23.4
WASTE WATER SEPARATOR, HIGHLAND TANK MODEL: HT-4000, FOR THE MARINE TANK FARM, 24000 GALS/HR; 4000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 24 FT A/N: 387986	D195				B89.1, H23.4
Process 7 : ABRASIVE BLASTING					
ABRASIVE BLASTING, OPEN, P.K. LINDSAY, MODEL 100, 50 LBS CAPACITY, ONE NOZZLE, DIAMETER: 0.188 IN A/N: 123172	D41			PM: (9) [RULE 1140, 8-2-1985]	D323.2
ABRASIVE BLASTING, KELCO, MODEL 124-C, 600 LBS CAPACITY, ONE NOZZLE, DIAMETER: 0.25 IN A/N: 120358	D42			PM: (9) [RULE 1140, 8-2-1985]	D323.2

* (1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E86				H23.2
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT ³ , WITH DUST FILTER	E87			PM: (9) [RULE 1140,8-2-1985;RULE 404,2-7-1986;RULE 405,2-7-1986]	D322.1, D323.3, K67.2
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E88			ROG: (9) [RULE 1107,8-14-1998;RULE 1171,6-13-1997;RULE 1171,10-8-1999]	
RULE 219 EXEMPT EQUIPMENT, FUGITIVE EMISSIONS, COMPRESSORS	E89				H23.5
RULE 219 EXEMPT EQUIPMENT, FUGITIVE EMISSIONS, PUMPS	E90				H23.5
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E91			ROG: (9) [RULE 1171,8-2-2002;RULE 1171,11-7-2003]	H23.3
RULE 219 EXEMPT EQUIPMENT, FUGITIVE EMISSIONS, FLANGES	E92				H23.5
RULE 219 EXEMPT EQUIPMENT, FUGITIVE EMISSIONS, PRV	E93				H23.5

- * (1)(1A)(1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5)(5A)(5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E94			ROG: (9) [RULE 1113,11-8-1996;RULE 1113,7-13-2007;RULE 1171,11-7-2003;RULE 1171,2-1-2008]	K67.3
Process 9 : RULE 219 EXEMPT EQUIPMENT SUBJECT TO RULE 222 REPORTING					
System 1 : Pressure Washer					
HEATER, HOT WATER PRESSURE WASHER, DIESEL FUEL, LANDA, MODEL PHW3-710D/F, 0.25 MMBTU/HR A/N: 326501	D100		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 22 LBS/1000 GAL DIESEL (1) [RULE 2012,5-11-2001;RULE 2012,12-5-2003] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SOX: 500 PPMV (5) [RULE 407,4-2-1982]	C1.4
System 2 : NEGATIVE AIR MACHINE					
NEGATIVE AIR MACHINE/HEPA FILTER A/N: 366422	C132			PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986]	

* (1)(1A)(1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5)(5A)(5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
(9) See App B for Emission Limits
(2)(2A)(2B) Denotes RECLAIM emission rate
(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

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Facility I.D.:	800170
Revision #:	18
Date:	August 08, 2008

FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**



**FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION**

SECTION D: DEVICE ID INDEX

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D37	16	6	0
D38	17	6	0
D39	17	6	0
D40	17	6	0
D41	17	7	0
D42	17	7	0
D43	9	1	2
C45	11	1	2
C46	11	1	2
S48	12	1	2
D49	12	1	3
C51	13	1	3
C52	14	1	3
S54	14	1	3
D76	15	2	0
E86	18	8	0
E87	18	8	0
E88	18	8	0
E89	18	8	0
E90	18	8	0
E91	18	8	0
E92	18	8	0
E93	18	8	0
E94	19	8	0
D100	19	9	1
D101	1	1	1



**FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION**

SECTION D: DEVICE ID INDEX

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C111	4	1	1
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C115	6	1	1
C117	6	1	1
S118	6	1	1
D119	6	1	1
C121	7	1	1
C123	7	1	1
S124	8	1	1
D125	8	1	1
C127	9	1	1
C129	9	1	1
S130	9	1	1
D131	14	1	4
C132	19	9	2
D194	17	6	0
D195	17	6	0



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

- (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or
- (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 9-11-1998]

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 0.05 percent by weight.

The .05 percent sulfur limit shall not apply to existing supplies of any liquid fuel in storage as of October 1, 1993 until such supply is exhausted.

[RULE 431.2, 5-4-1990]

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 9-15-2000]

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

purchase records of fuel oil and sulfur content of the fuel

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 431.2, 2-2-1979]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F21.1 Acid Rain SO₂ Allowance Allocation for retired units are as follows:

Boiler ID	Contaminant	Tons in year
Boiler No. 1	SO ₂	68
Boiler No. 2	SO ₂	120
Boiler No. 3	SO ₂	94
Boiler No. 4	SO ₂	103
Boiler No. 5	SO ₂	170

- a). The allowance allocation(s) shall apply to calendar years 2000 through 2009.
- b). The number of allowances allocated to Phase II affected units by U.S. EPA may change in a 1998 revision to 40CFR73 Tables 2,3, and 4. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO₂ allowance allocations identified in this permit (see 40 CFR 72.84).
- c). A unit exempted under 40CFR72.8 shall not emit any sulfur dioxide starting on the date it is exempted.
- d). The owners and operators of a unit exempted under 40CFR72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40CFR73.
- e). A unit exempted under 40CFR73 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph, the unit shall no longer be exempted and shall be subject to all requirements of 40CFR72.

[40CFR 73 Subpart B, 1-11-1993]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F24.1 Accidental release prevention requirements of Section 112(r)(7):

- a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).
- b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

DEVICE CONDITIONS

A. Emission Limits

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 1920 LBS IN ANY ONE MONTH
VOC	Less than or equal to 570 LBS IN ANY ONE MONTH
PM10	Less than or equal to 1320 LBS IN ANY ONE MONTH
SOX	Less than or equal to 180 LBS IN ANY ONE MONTH

The operator shall calculate the emission limit(s) The operator shall calculate the emission limit(s) by using monthly fuel use data, and the following emission factors: Natural Gas: VOC - 2.88 lbs/MMSCF, PM10 - 6.93 lbs/MMSCF, and SOx - 0.83 lbs/MMSCF. Diesel: VOC - 1.11 lbs/Mgal, PM10 - 1.67 lbs/Mgal, and SOx - 7.02 lbs/Mgal. For natural gas firing compliance with the CO emission limit shall be verified through CEMS data. For diesel firing compliance with the CO emission limit shall be calculated using the fuel usage data and the lb/Mgal emission factor.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 10-20-2000]

[Devices subject to this condition : D101, D107, D113, D119, D125]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- A99.1 The 9 PPM NOX emission limit(s) shall not apply when this equipment is under initial start up or during normal start up operation (NOX emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

- A99.2 The 20 PPM NH3 emission limit(s) shall not apply when this equipment is under initial start up or during normal start up operation during natural gas firing (NH3 emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

- A99.3 The 7 PPM NOX emission limit(s) shall not apply when this equipment is under initial start up or during normal start up operation during natural gas firing (NOX emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

- A99.4 The 15 PPM NOX emission limit(s) shall not apply when this equipment is under initial start up or during normal start up operation during fuel oil firing (NOX emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

- A99.5 The 5 PPM NH3 emission limit(s) shall not apply when this equipment is under initial start up or during normal start up operation during fuel oil firing (NH3 emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- A99.6 The 10 PPM CO emission limit(s) shall not apply when this equipment is under initial start up or during normal start up operation on both fuel oil and natural gas firing (CO emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

- A99.7 The 10 PPM CO emission limit(s) shall not apply during shutdown. The shutdown time shall not exceed 30 minutes per event.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

- A99.9 The 34 Lbs/hr NOX emission limit(s) shall only apply during turbine start-ups. The limit does not apply during diesel readiness testing.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D101, D107, D113, D119, D125]

- A99.10 The 5 PPM NOX emission limit(s) shall not apply during startup, shutdown, and diesel readiness tests. Startup time shall not exceed 1 hour per occurrence and shutdown time shall not exceed 12 minutes per occurrence. The 5.0 ppmv NOx emission limit shall apply at all other operating times.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D101, D107, D113, D119, D125]

- A99.11 The 6 PPM CO emission limit(s) shall not apply during startup, shutdown, and diesel readiness tests. Startup time shall not exceed 1 hour per occurrence and shutdown time shall not exceed 12 minutes per occurrence. The 6.0 ppmv CO emission limit shall apply at all other operating times.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D101, D107, D113, D119, D125]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A195.1 The 10 PPM CO emission limit(s) is averaged over 15 minutes on fuel oil and natural gas (CO emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

A195.2 The 10 PPM CO emission limit(s) is averaged over 24 hours on fuel oil and natural gas (CO emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

A195.3 The 5 PPM NH3 emission limit(s) is averaged over over 15 minutes on fuel oil (NH3 emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

A195.4 The 20 PPM NH3 emission limit(s) is averaged over 15 minutes and over 24 hours on natural gas (NH3 emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

A195.5 The 15 PPM NOX emission limit(s) is averaged over 15 minutes on fuel oil (NOx emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

A195.6 The 9 PPM NOX emission limit(s) is averaged over 15 minutes on natural gas (NOx emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A195.7 The 7 PPM NOX emission limit(s) is averaged over 24 hours on natural gas (NOx emissions).

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

A195.8 The 5 PPM NOX emission limit(s) is averaged over 3 hours, at 15 percent oxygen, dry.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D101, D107, D113, D119, D125]

A195.9 The 6 PPM CO emission limit(s) is averaged over 3 hours, at 15 percent oxygen, dry.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D101, D107, D113, D119, D125]

A195.10 The 5 PPM NH3 emission limit(s) is averaged over 60 min at 15 percent O2 dry. The operator shall calculate and continuously record the NH3 slip concentration using: $NH_3(ppmv) = [a - b * c / 1E6] * 1E6 / b$, a = NH3 injection rate (lb/hr)/17(lb/lbmole), b = dry exhaust gas flow rate(lb/hr)/29(lb/lbmole), and c = change in measured NOx across the SCR, ppmvd at 15 percent O2. The operator shall install and maintain a NOx analyzer to measure the SCR inlet NOx ppm accurate to within +/- 5 percent calibrated at least once every 12 mo., or seek AQMD approval for alt. slip method.

The ammonia slip calculation procedures described above shall not be used for compliance determination or emission information determination without corroborative data using an approved reference method for determination of ammonia.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C103, C109, C115, C121, C127]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A195.13 The 5 PPMV NOx emission limit(s) is averaged over 720 operating hours (heat input weighted average).

A data acquisition system shall be installed and maintained to continuously calculate and record the NOx ppm based on the 720 operating hour average..

The average shall be calculated based on emissions during all turbine operating hours except startups defined as whenever the unit is being brought up to normal operating temperature from an inactive status, and the exhaust temperature entering the SCR catalyst is less than 500 degrees F (nat gas) or 575 degrees F (fuel oil).

Shutdowns, defined as whenever the unit is allowed to cool from a normal operating temperature to inactive status, and the exhaust temperature entering the SCR catalyst is less 500 degrees F (nat gas) or 575 degrees F (fuel oil), calibration, and maintenance periods, Part 75 linearity testing, RATA testing, equipment breakdown periods as defined in Rule 2004, and periods of zero fuel flow.

The heat input weighted average NOx concentration shall be calculated using the following equation, or other equivalent equation:..

$$\text{PPMV}(15\%O_2) = (E_t/Q_t) * K;$$
 where PPMV(15%O₂) = the concentration of NOx in PPMV at 15%O₂; K = a conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19. The default K value is 275; E_t = Total reported NOx emissions during the averaging period including emissions reported as a result of missing data procedures pursuant to Rule 2012; Q_t = Total heat input during the averaging period.

[RULE 2009, 5-11-2001]

[Devices subject to this condition : D43, D49]

A327.1 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 10-8-1976; RULE 475, 8-7-1978]

[Devices subject to this condition : D101, D107, D113, D119, D125]

B. Material/Fuel Type Limits



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B59.1 The operator shall only use the following material(s) in this device :

diesel which meets the specifications of Rule 431.2

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

[Devices subject to this condition : D131]

B61.1 The operator shall not use fuels containing the following specified compounds:

Compound	weight percent
Sulfur greater than	0.8

[40CFR 60 Subpart GG, 3-6-1981]

[Devices subject to this condition : D43, D49]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B75.1 The operator shall not use fuel oil in this equipment except under the following circumstance(s):

- 1). Interruption in natural gas service due to unforeseeable failure, malfunction, or natural disaster, not resulting from an intentional or negligent act or omission on the part of the owner or operator,
- 2). for diesel fuel readiness testing not to exceed 1 hour per month,
- or 3) during required initial certification and RATA testing specified by AQMD rules. Fuel oil shall be low nitrogen low sulfur diesel. Sulfur content shall not exceed 15 ppm. Nitrogen content shall not exceed 30 ppm.

The operator shall keep records of the date diesel was used, the amount of diesel used, and the reason for use.

Vendor specifications for the initial and each subsequent shipment of diesel shall be maintained to verify sulfur and nitrogen content. If no vendor information is available, the operator shall have a sample of each shipment of fuel analyzed by an independent laboratory for sulfur and nitrogen concentration. These records shall be kept for a minimum of 5 years and be made available for AQMD inspection upon request

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2005, 5-6-2005]

[Devices subject to this condition : D101, D107, D113, D119, D125]

B75.2 The operator shall not use fuel oil in this equipment except under the following circumstance(s):

- 1) Force majeure natural gas curtailment
- 2) Periodic fuel oil readiness testing, not to exceed 1 hour per quarter
- 3) Emissions source testing specified by AQMD rules, including initial certifications of Continuous Emissions Monitoring Systems (CEMS) and semi-annual Relative Accuracy Test Audits (RATAs)

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D43, D49]

B89.1 The operator shall not use oily water with VOC content greater than 0.005 grams per liter, including water and exempt compounds.

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D194, D195]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B163.1 The operator shall not use fuel oil containing the following:

Fuel oil greater than 500 ppmv nitrogen once the 55,000 barrel tank is depleted. When the tank is depleted, only fuel oil of 150 ppmv nitrogen must be used in accordance with this condition.

Fuel oil greater than 150 ppmv nitrogen except during periods of force majeure, when fuel oil of up to 1000 ppmv nitrogen may be used.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]

C. Throughput or Operating Parameter Limits

C1.4 The operator shall limit the operating time to no more than 58 hour(s) in any one month.

To comply with this condition, the operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the hot water washer. The operator shall use 1.8 gal/hr as the fuel consumption rate along with the operating time of the engine and the Reclaim emission factor to report emissions.

[RULE 1401, 8-13-1999; RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]

[Devices subject to this condition : D100]

C1.5 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

[RULE 1110.2, 6-3-2005; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996]

[Devices subject to this condition : D131]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- C1.6 The operator shall limit the fuel usage to no more than 192.1 MM cubic feet per month.

The purpose(s) of this condition is to insure compliance with Rule 1303, Offsets. The fuel use records shall be maintained for a minimum of 5 years. The operator shall submit to the AQMD monthly fuel use data at the end of each month during the 1st 12 months of operation.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the turbine.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D101, D107, D113, D119, D125]

- C6.1 The operator shall use this equipment in such a manner that the ammonia injection rate being monitored, as indicated below, does not exceed 1.23 gallons per minute.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the ammonia injection rate of the ammonia injection system.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C46, C52]

- C6.2 The operator shall use this equipment in such a manner that the power output being monitored, as indicated below, does not exceed 47.4 MW.

To comply with this condition, the operator shall install and maintain a(n) measuring device to accurately indicate the power output of the generator.

The operator shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent and shall be calibrated once every 12 months. The averaging time to determine compliance with the limit shall be 1 hour.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D101, D107, D113, D119, D125]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- C8.1 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 65 gpm.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the incoming scrubbing water. The operator shall calibrate, once a year, the flow of water to be 65 gpm or higher when the scrubber is in use.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C32, C34]

- C157.1 The operator shall install and maintain a pressure relief valve set at 15 psig.

[RULE 402, 5-7-1976]

[Devices subject to this condition : D29, D30]

D. Monitoring/Testing Requirements

- D12.1 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the fuel usage of the gas turbine.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D43, D49]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D12.2 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the steam-to-fuel ratio in the gas turbine.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the steam to fuel ratio between 0.30 and 1.5 except during start ups and shutdowns

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D43, D49]

- D12.3 The operator shall install and maintain a(n) gauge to accurately indicate the temperature at the inlet to the carbon monoxide catalyst (CO CAT) unit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The operator shall maintain the temperature between 750 and 990 degrees F except during start ups and shutdowns

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C45, C51]

- D12.4 The operator shall install and maintain a(n) gauge to accurately indicate the temperature at the inlet of the selective catalytic reduction (SCR) unit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The operator shall maintain the temperature between 420 and 750 degrees F except during start ups and shutdowns

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C46, C52]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D12.7 The operator shall install and maintain a(n) measuring device to accurately indicate the water-to-fuel ratio of the turbine.

The operator shall maintain the water to fuel ratio between 0.00098 and 0.001 except during start ups and shutdowns

[RULE 2012, 5-6-2005; 40CFR 60 Subpart GG, 3-6-1981]

[Devices subject to this condition : D101, D107, D113, D119, D125]

- D12.8 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the ammonia injection rate of the ammonia injection system.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the ammonia injection rate between 45 and 105 lbs/hr except during start ups and shutdowns

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 5-6-2005; RULE 2012, 5-6-2005]

[Devices subject to this condition : C103, C109, C115, C121, C127]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D12.9 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the SCR reactor.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the temperature between 775 and 900 degrees F except during start ups and shutdowns

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C103, C109, C115, C121, C127]

- D12.10 The operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure across the SCR catalyst bed in inches water column.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the differential pressure between 6 and 12 inches of water column except during start ups and shutdowns

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C103, C109, C115, C121, C127]

- D12.11 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 6-3-2005; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D131]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D28.2 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted only if the equipment is fired on fuel oil during the life of the permit.

The test shall be conducted at least once during the life of the permit.

Source test shall be conducted when this equipment is using fuel oil.

The test shall be conducted to determine the total PM emissions at the outlet.

The test shall be conducted to demonstrate compliance with Rule 475.

The test shall be conducted to determine the PM emissions using District method 5.1.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D43, D49]

D28.3 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NH₃ emissions at the outlet.

The District shall be notified of the date and time of the test at least 7 days prior to the test.

The test shall be conducted on natural gas; quarterly during the first 12 months of operation and yearly thereafter.

The test shall be conducted in accordance with SCAQMD test procedures.

The test shall be conducted by a laboratory certified by CARB in the required test methods for testing NH₃, and in compliance with District Rule 304 (no conflict of interest).

The test shall be conducted and the results submitted to the District within 45 days after the test date.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NH3 emissions	Approved District method	1 hour	Outlet

The test shall be conducted at least quarterly during the first 12 months of operation of the SCR, and at least annually thereafter.

The test shall be conducted to determine the NH3 emissions at the outlet using District method 207.1 measured over a 60 minute averaging time period. The NOx concentration, as determined by the CEMS, shall be simultaneously recorded during the ammonia slip test. If the CEMS is inoperable, a test shall be conducted to determine the NOx emissions using District method 100.1.

The test shall be conducted and the results submitted to the District within 45 days after the test date.

The test shall be conducted when the equipment is operating at 80 percent load or greater.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D101, D107, D113, D119, D125]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D29.3 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NOX emissions	District method 100.1	15 minutes	Outlet of the SCR serving this equipment

The test shall be conducted when the unit is firing diesel fuel in order to determine the emissions profile of the unit. A minimum of 6 tests shall be performed and the operator shall record the turbine output, ammonia injection rate, and temperature of the exhaust during each test, based on a 15 minutes averaging time. Test results shall also include the fuel flow rate (CFH), the flue gas flow rate, and the duct burner fuel use during the test.

The test shall be conducted in order to generate a load curve for NO_x (lbs/MW) vs. MW output over the span of tested loads. The operator may, after receiving approval from the AQMD, use this curve to report NO_x emissions during the monthly 60 minute (total) diesel readiness testing periods.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D101, D107, D113, D119, D125]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.1 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS will convert the actual CO concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

The CEMS shall be installed after approval in writing by the manager of the District's AST Division

The CEMS shall be installed and operated in compliance with the requirements of Rule 218

The CEMS shall be installed and operated to measure the CO emissions over 15 consecutive minute average time periods

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, D49]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS will convert the actual CO concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

The CEMS shall be installed and operated in accordance with an approved AQMD Rule 218 CEMS plan application. The CEMS is not required to be certified during diesel readiness testing. The operator shall not install the CEMS prior to receiving initial approval from AQMD.

The CEMS shall be installed and operated to measure CO concentration over a 15 minute averaging time period

The CEMS shall convert the actual CO concentrations to mass emission rates (lbs/hr) using the equation below and record the hourly emission rates on a continuous basis.

CO Emission Rate, lbs/hr = $K \cdot C_{co} \cdot F_d \cdot [20.9 / (20.9 - \%O_{2d})] \cdot [Q_g \cdot HHV]$, where:

$K = 7.267 \cdot 10^{-2}$

C_{co} = Average of four consecutive 15-min. average CO concentration in ppm

F_d = 8710 dscf/mmbtu natural gas

$\%O_{2d}$ = Hourly average percentage by volume O₂ dry, corresponding to C_{co}

Q_g = Fuel gas usage during the hour, scf/hr

HHV = Higher Heating Value of fuel gas, Btu/scf.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 218, 8-7-1981; RULE 218, 5-14-1999]

[Devices subject to this condition : D101, D107, D113, D119, D125]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

The CEMS shall be installed and operating no later than 12 months after the initial start-up of the turbine. During the interim period between the initial start-up and the provisional certification date of the CEMS, the operator shall comply with the monitoring requirements of Rule 2012(h)(2) and 2012(h)(3). Within 2 weeks of the turbine start-up date, the operator shall provide written notification to the District of the exact date of start-up

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D101, D107, D113, D119, D125]

D90.1 The operator shall periodically analyze the API gravity, sulfur weight percent, and nitrogen weight percent of the fuel oil stored in the fuel oil storage tank according to the following specifications:

The operator shall use an independent laboratory to analyze the parameter.

[40CFR 60 Subpart GG, 3-6-1981]

[Devices subject to this condition : D43, D49]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E87]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D41, D42]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.3 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E87]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D371.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment on an annual basis whenever this equipment is fired on fuel oil for training/testing purposes; and after every 400 cumulative hours of operation on diesel fuel or after every two million gallons of diesel fuel combusted, to be counted cumulatively over a five year period. The inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall:

Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

In addition, the operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- a). Stack or emission point identification;
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D43, D49]

E. Equipment Operation/Construction Requirements



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- E54.1 The operator is not required to vent this equipment to the following equipment if any of the requirements listed below are met:

Device ID: C45 [OXIDIZER, NO. 1, MONOLITHIC BED TYPE, 280 CUBIC FEET OF TOTAL CATALYST VOLUME]

Device ID: C46 [SELECTIVE CATALYTIC REDUCTION, NO. 1, VANADIUM PENTOXIDE CATALYST BED, 2639 CUBIC FEET OF TOTAL CATALYST VOLUME]

Requirement number 1: during initial start up of this device, not to exceed 90 days

Requirement number 2: during normal startup on natural gas not to exceed 60 minutes, when the exhaust into the SCR is below 500 degrees Fahrenheit

Requirement number 3: during normal startup on fuel oil not to exceed 60 minutes, when the exhaust into the SCR is below 575 degrees Fahrenheit

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003; RULE 429, 12-21-1990]

[Devices subject to this condition : D43]

- E54.2 The operator is not required to vent this equipment to the following equipment if any of the requirements listed below are met:

Device ID: C51 [OXIDIZER, NO. 2, MONOLITHIC TYPE BED, 280 CUBIC FEET OF TOTAL CATALYST VOLUME]

Device ID: C52 [SELECTIVE CATALYTIC REDUCTION, NO. 2, VANADIUM PENTOXIDE CATALYST BED, 2639 CUBIC FEET OF TOTAL CATALYST VOLUME]

Requirement number 1: during initial start up of this device, not to exceed 90 days

Requirement number 2: during normal startup on natural gas not to exceed 60 minutes, when the exhaust into the SCR is below 500 degrees Fahrenheit

Requirement number 3: during normal startup on fuel oil not to exceed 60 minutes, when the exhaust into the SCR is below 575 degrees Fahrenheit

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003; RULE 429, 12-21-1990]

[Devices subject to this condition : D49]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- E57.1 The operator shall vent this equipment to the SCR and CO control catalysts whenever the turbines are in operation.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D101, D107, D113, D119, D125]

- E71.1 The operator shall only use this equipment if the water height (from tank bottom to overflow pipe) is at least 6 feet 2 inches.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C31, C33]

- E73.2 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection during the following events:

1. during diesel readiness testing

2. when the inlet exhaust temperature to the SCR reactor is 800 deg F or less, not to exceed 1 hour during startups.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 402, 5-7-1976]

[Devices subject to this condition : D101, D107, D113, D119, D125]

- E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D29, D30]

- E162.1 The operator shall use this equipment only during utility failure periods, except for maintenance purposes.

[RULE 1110.2, 6-3-2005; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996]

[Devices subject to this condition : D131]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- E179.1 For the purpose of the following condition number(s), periodic shall be defined as the initial fuel oil that is burned by the combustion turbine generator and each time any Harbor Generating Station fuel oil storage tank is replenished, the operator shall have a sample of the fuel oil analyzed by an independent laboratory for API gravity, weight percent of sulfur, and weight percent of nitrogen.

Condition Number D 90- 1

[40CFR 60 Subpart GG, 3-6-1981]

[Devices subject to this condition : D43, D49]

- E179.2 For the purpose of the following condition number(s), continuous monitoring shall be defined as measuring at least once every 15 minutes, except as allowed by Rule 2000.

Condition Number D 12- 1

Condition Number D 12- 2

Condition Number D 12- 3

Condition Number D 12- 4

Condition Number C 6- 1

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, C45, C46, D49, C51, C52]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E179.3 For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that hour.

Condition Number D 12- 1

Condition Number D 12- 2

Condition Number D 12- 3

Condition Number D 12- 4

Condition Number C 6- 1

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D43, C45, C46, D49, C51, C52]

E179.4 For the purpose of the following condition number(s), continuous monitoring shall be defined as measuring at least once every hour, and shall be based upon the average of the continuous monitoring for that hour.

Condition Number D 12- 8

Condition Number D 12- 9

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2012, 5-6-2005]

[Devices subject to this condition : C103, C109, C115, C121, C127]

E179.5 For the purpose of the following condition number(s), continuous monitoring shall be defined as measuring at least once every month, and shall be based upon the average of the continuous monitoring for that month.

Condition Number D 12-10

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C103, C109, C115, C121, C127]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E193.1 The operator shall construct, operate, and maintain this equipment according to the following specifications:

In accordance with all mitigation measures as stipulated by the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" Attachment 1 of the Final EIR (SCH No. 2000101008) dated January 2001

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : C103, C109, C115, C121, C127]

E193.2 The operator shall operate and maintain this equipment according to the following specifications:

The fuel injection timing of this engine shall be set and maintained at 4 degrees retarded relative to standard production timing at the factory as established by Caterpillar Product News Bulletin "3412 DITTA 500 kw California Configuration" dated July 1993

The equipment may operate for maintenance and testing purpose for up to 30 hours per year.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 11-3-2005]

[Devices subject to this condition : D131]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463

[RULE 463, 3-11-1994]

[Devices subject to this condition : D17, D23, D76]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415

[RULE 1415, 10-14-1994]

[Devices subject to this condition : E86]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[RULE 1122, 7-11-1997]

[Devices subject to this condition : E91]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D35, D36, D37, D38, D39, D40, D194, D195]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 5-13-1994]

[Devices subject to this condition : E89, E90, E92, E93]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1470

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D131]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Sulfur compounds	District Rule	431.1

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D43, D49, D101, D107, D113, D119, D125]

I. Administrative



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- I296.1 This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase.

To comply with this condition, the operator shall, prior to the beginning of all compliance years, hold a minimum NOx RTCs of 59,112 lbs. In accordance with Rule 2005(f), unused RTC's may be sold only during the reconciliation period for the fourth quarter of the applicable compliance year inclusive of the 1st compliance year.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D101, D107, D113, D119, D125]

K. Record Keeping/Reporting

- K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the name of the person performing the inspection and/or maintenance of the filter media

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E87]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E94]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The operator shall monitor and record the date and time the scrubber low and/or high water level alarms occurred

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C32, C34]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The operator shall monitor the water height on a daily basis and shall not allow the water height to fall below 4 feet

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C31, C33]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

date of operation, the elapsed time, in hours, and the reason for operation. Records shall be kept and maintained on file for a minimum of two years and made available to district personnel upon request

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**]

[Devices subject to this condition : D131]

K171.1 The operator shall notify the District if any of the following situations occur:

Fuel oil firing in this equipment, other than for fuel oil readiness testing.

Notification shall be by mail, facsimile, in person or by telephone.

This notification shall be provided to the District no later than 24 hours after fuel oil firing starts.

[**RULE 1303(b)(2)-Offset, 5-10-1996**]

[Devices subject to this condition : D43, D49]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]
5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION E: ADMINISTRATIVE CONDITIONS

- a. Three years for a facility not subject to Title V; or
 - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
- a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For a large NO_x source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
 - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over 15 consecutive minutes. [409]
 - g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO_x or SO_x source, respectively. [2001]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION E: ADMINISTRATIVE CONDITIONS

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
 - a. The results of the source test.
 - b. Brief description of the equipment tested.
 - c. Operating conditions under which test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]



**FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION**

SECTION E: ADMINISTRATIVE CONDITIONS

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182.
[204]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NOx Monitoring Conditions

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NOx source to continuously measure the concentration of NOx emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NOx emissions rate from each source. The time-sharing of CEMS among NOx sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]
4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining:
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.
5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining:
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

II. NOx Source Testing and Tune-up Conditions

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NOx source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NOx concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NOx large sources and NOx process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]
4. Process Unit source testing



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
 - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
 - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
 - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NO_x or SO_x emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NO_x Reporting Requirements

A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major NO_x source, the total daily mass emissions of NO_x and daily status codes. Such data



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]

2. Calculate NO_x emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2012]
3. Submit an electronic report within 15 days following the end of each month totaling NO_x emissions from all major NO_x sources during the month. [2012]
4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]

B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall:

Not Applicable

C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall:

1. Electronically report the calculated quarterly NO_x emissions for each NO_x process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

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FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

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FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION J: AIR TOXICS

NOT APPLICABLE



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under Section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]
- (B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
 - (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION K: TITLE V Administration

- (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
- (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:

- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
- (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:

- (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
- (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]



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SECTION K: TITLE V Administration

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]
14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
 - (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after



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SECTION K: TITLE V Administration

commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION K: TITLE V Administration

EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for non-compliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.



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SECTION K: TITLE V Administration

RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
 - (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
 - (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.
 - (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.



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- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
 - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;
 - (B) The compliance status during the reporting period;
 - (C) Whether compliance was continuous or intermittent;
 - (D) The method(s) used to determine compliance over the reporting period and currently, and
 - (E) Any other facts specifically required by the Executive Officer to determine compliance.
- The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]
25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION K: TITLE V Administration

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations:

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1110.2	6-3-2005	Non federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	7-13-2007	Non federally enforceable
RULE 1122	7-11-1997	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1149	7-14-1995	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	2-1-2008	Non federally enforceable
RULE 1173	5-13-1994	Federally enforceable
RULE 1176	9-13-1996	Federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	8-13-1999	Non federally enforceable
RULE 1415	10-14-1994	Non federally enforceable
RULE 1470	11-3-2005	Non federally enforceable
RULE 1470	6-1-2007	Non federally enforceable
RULE 2005	4-20-2001	Federally enforceable
RULE 2005	5-6-2005	Federally enforceable
RULE 2009	5-11-2001	Non federally enforceable
RULE 2012	12-5-2003	Federally enforceable
RULE 2012	5-11-2001	Federally enforceable
RULE 2012	5-6-2005	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 218	5-14-1999	Non federally enforceable



**FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION**

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 218	8-7-1981	Federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	1-14-1982	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 429	12-21-1990	Non federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 463	3-11-1994	Federally enforceable
RULE 464	12-7-1990	Federally enforceable
RULE 475	10-8-1976	Federally enforceable
RULE 475	8-7-1978	Non federally enforceable
40CFR 60 Subpart GG	3-6-1981	Federally enforceable
40CFR 68 - Accidental Release Prevention	5-24-1996	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 72 - Acid Rain Provisions	11-24-1997	Federally enforceable
40CFR 73 Subpart B	1-11-1993	Federally enforceable
CA PRC CEQA	11-23-1970	Non federally enforceable



**FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION**

**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219**

1. INTERNAL COMBUSTION ENGINE, BACKPACK AIR BLOWER, GASOLINE AND OIL
2. INTERNAL COMBUSTION ENGINE, VACUUM, GASOLINE
3. HOT WATER BLASTER, DISTILLATE
4. WATER BLASTER, GASOLINE
5. WELDER, GASOLINE
6. CONCRETE MIXER, GASOLINE
7. AIR COMPRESSOR, DIESEL
8. AIR COMPRESSOR, GASOLINE
9. INTERNAL COMBUSTION ENGINE, GENERATOR, GASOLINE
10. CONCRETE SAW, GASOLINE
11. CHAIN SAW, GASOLINE AND OIL



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1107 8-14-1998]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

The operator shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

LIMITS				
Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds				
Coating	Air Dried	(lb/gal)	Baked	(lb/gal)
General	340	(2.8)	275	(2.3)
Effective 3/1/1999				
One-Component	275	(2.3)	275	(2.3)
Multi-Component	340	(2.8)	275	(2.3)
Military Specification	340	(2.8)	275	(2.3)
Etching Filler	420	(3.5)	420	(3.5)
Solar-Absorbent	420	(3.5)	360	(3.0)
Heat-Resistant	420	(3.5)	360	(3.0)
Extreme High-Gloss	420	(3.5)	360	(3.0)
Metallic	420	(3.5)	420	(3.5)
Extreme Performance	420	(3.5)	360	(3.0)
Prefabricated Architectural Component	420	(3.5)	275	(2.3)
Touch Up	420	(3.5)	360	(3.0)
Repair	420	(3.5)	360	(3.0)
Silicone Release	420	(3.5)	420	(3.5)
High Performance Architectural	420	(3.5)	420	(3.5)
Camouflage	420	(3.5)	420	(3.5)
Vacuum-Metalizing	420	(3.5)	420	(3.5)
Mold-Seal	420	(3.5)	420	(3.5)
High-Temperature	420	(3.5)	420	(3.5)
Electric-Insulating Varnish	420	(3.5)	420	(3.5)
Pan Backing	420	(3.5)	420	(3.5)
Pretreatment Coatings	420	(3.5)	420	(3.5)



FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 1107 8-14-1998]

- (2) The operator shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

TABLE OF STANDARDS

VOC LIMITS

Grams of VOC Per Liter of Coating,
Less Water And Less Exempt Compounds

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250						
Graphic Arts (Sign) Coatings	500					100	50
Industrial Maintenance							



FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

Primers and Topcoats							
Alkyds	420						
Catalyzed Epoxy	420						
Bituminous Coatings	420						
Materials							
Inorganic Polymers	420						
Vinyl Chloride Polymers	420						
Chlorinated Rubber	420						
Acrylic Polymers	420						
Urethane Polymers	420						
Silicones	420						
Unique Vehicles	420						
Japans/Faux Finishing	350	700		350			
Coatings							
Magnesite Cement Coatings	600			450			
Mastic Coatings	300						
Metallic Pigmented Coatings	500						
Multi-Color Coatings	420		250				
Pigmented Lacquer	680		550			275	
Pre-Treatment Wash Primers	780						
Primers, Sealers, and	350						
Undercoaters							
Quick-Dry Enamels	400						
Roof Coatings	300						
Shellac							
Clear	730						
Pigmented	550						
Stains	350						
Swimming Pool Coatings							
Repair	650						
Other	340						
Traffic Coatings	250		150				
Waterproofing Sealers	400						
Wood Preservatives							
Below-Ground	350						
Other	350						

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards



AQMD
AIR QUALITY MANAGEMENT DISTRICT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

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Revision #: 6
Date: August 08, 2008

FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120



AQMD

FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS **[RULE 1113 7-13-2007]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

TABLE OF STANDARDS VOC LIMITS

Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		
Nonflat High Gloss	250		150				50	



AQMD
AIR QUALITY MANAGEMENT DISTRICT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

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FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing	400					100		
Concrete/Masonry Sealers								
Wood Preservatives								
Below-Ground	350							
Other	350							

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.



FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 7-13-2007]

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120



FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 1140 8-2-1985]

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).
- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).



FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-8-1999]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)		50 (0.42)	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	33	500 (4.2)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33	800 (6.7)	800 (6.7)
(B) Repair and Maintenance Cleaning				
(i) General	50 (0.42)		50 (0.42)	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	20	900 (7.5)	100 (0.83)



FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-8-1999]

SOLVENT CLEANING ACTIVITY	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33		
(I) Tools, Equipment, & Machinery			800 (6.7)	800 (6.7)
(II) General Work Surfaces			600 (5.0)	600 (5.0)
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35	550 (4.6)	25 (0.21)
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3	50 (0.42)	25 (0.21)
(ii) Flexographic Printing	100 (0.83)	3	50 (0.42)	25 (0.21)
(iii) Gravure Printing				
(I) Publication	900 (7.5)	25	750 (6.3)	100 (0.83)
(II) Packaging	100 (0.83)	3	50 (0.42)	25 (0.21)
(iv) Lithographic or Letter Press Printing				
(I) Roller Wash – Step 1	900	10	600 (5.0)	100 (0.83)



FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-8-1999]

	Current limits		Effective 12/1/2001	Effective 7/1/2005
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(II) Roller Wash- Step 2, Blanket Wash, & On- Press Components	900	10	800 (6.7)	100 (0.83)
(III) Removable Press Components			50 (0.42)	25 (0.21)
(v) Screen Printing	1070 (8.9)	5	750 (6.3)	100 (0.83)
(vi) Ultraviolet Ink Application Equipment (except screen printing)	800 (6.7)	33	800 (6.7)	100 (0.83)
(vii) Specialty Flexographic Printing	810 (6.8)	21	600 (5.0)	100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)		50 (0.42)	25 (0.21)



FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-7-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)



FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)



FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 2-1-2008]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		



FACILITY PERMIT TO OPERATE **LA CITY, DWP HARBOR GENERATING STATION**

APPENDIX B: RULE EMISSION LIMITS **[RULE 1171 2-1-2008]**

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)		
(D) Cleaning of Ink Application Equipment			
(i) General	25 (0.21)		
(ii) Flexographic Printing	25 (0.21)		
(iii) Gravure Printing			
(A) Publication	100 (0.83)		
(B) Packaging	25 (0.21)		
(iv) Lithographic (Offset) or Letter Press Printing			
(A) Roller Wash, Blanket Wash, & On-Press Components			
(I) Newsprint	100 (0.83)		



FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 2-1-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)		
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)		

* The specified limits remain in effect unless revised limits are listed in subsequent columns.



FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 6-13-1997]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS		Effective 1/1/1999	
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)			
(ii) Electronic Components or Medical Devices	900 (7.5)	33		
(B) Repair and Maintenance Cleaning				
(i) General	900 (7.5)	20	50 (0.42)	
(ii) Electrical Apparatus Components	900 (7.5)	20		
(iii) Medical Devices	900 (7.5)	33		
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35		
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3		
(ii) Flexographic or Gravure Printing	100 (0.83)	3		
(iii) Lithographic or Letter Press Printing	900 (7.5)	25		10
(iv) Screen Printing	1070 (8.9)	5		
(v) Ultraviolet Inks (except screen printing)	800 (6.7)	33		
(vi) Specialty Flexographic Printing	810 (6.8)	21		



FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 6-13-1997]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS		Effective 1/1/1999	
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)			
or		1		



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 8-2-2002]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 1/1/2003	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	50 (0.42)	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)		100 (0.83)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	50 (0.42)	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)		100 (0.83)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings, or Adhesives Application Equipment	550 (4.6)		25 (0.21)
(D) Cleaning of Ink Application Equipment			



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LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 8-2-2002]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 1/1/2003	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(i) General	50 (0.42)	25 (0.21)	
(ii) Flexographic Printing	50 (0.42)	25 (0.21)	
(iii) Gravure Printing			
(A) Publication	750 (6.3)		100 (0.83)
(B) Packaging	50 (0.42)	25 (0.21)	
(iv) Lithographic or Letter Press Printing			
(A) Roller Wash – Step 1	600 (5.0)		100 (0.83)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)		100 (0.83)
(C) Removable Press Components	50 (0.42)	25 (0.21)	
(v) Screen Printing	750 (6.3)		100 (0.83)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)		100 (0.83)
(vii) Specialty Flexographic Printing	600 (5.0)		100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.



FACILITY PERMIT TO OPERATE
LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS
[RULE 404 2-7-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a).

Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402



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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

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Facility I.D.#: 800170
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FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 404 2-7-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter ² Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 405 2-7-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 405(a)

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process)		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process)	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9



FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [RULE 405 2-7-1986]

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process)		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process)	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

1. A Title V permit revision is not required for emission increases that are authorized by allowances acquired under the Acid Rain Program, provided that the increases do not trigger a Title V permit revision under any other applicable requirement. [70.6 (a)(4)(ii)]

Monitoring Requirements

2. The owners and operators and, to the extent applicable, the designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR Parts 74, 75, and 76. [40 CFR 72.50, 72.31, 72.9(b)(1)]
3. The emissions measurements recorded and reported in accordance with 40 CFR Part 75 shall be used to determine compliance by the unit with the acid rain emissions limitations and emissions reduction requirements for sulfur dioxide (SO₂) under the Acid Rain Program. [40 CFR 72.9(b)(2), 40 CFR 75.2]
4. The requirements of 40 CFR Parts 74 and 75 shall not affect the responsibility of the operator to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements and other provisions of this permit. [40 CFR 72.9(b)(3), 40 CFR 72.5]

Sulfur Dioxide Requirements

5. The owners and operators of each source and each affected unit at the source shall:
 - (A) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR Part 73, Section 73.34(C)) not less than the total annual emissions of SO₂ for the previous calendar year from the unit; and, [40 CFR 72.9(c)(i)],
 - (B) Comply with the applicable acid rain emissions limitations for SO₂. [40 CFR 72.9(c)(ii)]
6. Each ton of SO₂ emitted in excess of the acid rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act. [40 CFR 72.9(g)(7)]
7. SO₂ allowances shall be held in, deducted from, or transferred among allowance tracking system accounts in accordance with the Acid Rain Program. [40 CFR 72.9(g)(4)]



FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS **[40CFR 72 - Acid Rain Provisions 11-24-1997]**

8. A SO₂ allowance shall not be deducted in order to comply with the requirements under paragraph 41(A) of the SO₂ requirements prior to the calendar year for which the allowance was allocated. [40 CFR 72.9(g)(5)]
9. An affected unit shall be subject to the SO₂ requirements under the Acid Rain Program as follows:[40 CFR 72.6(a)]
 - (A) Starting January 1, 2000, an affected unit under 40 CFR Part 72, Section 72.6(a)(2); or [40 CFR 72.6(a)(2)]
 - (B) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR Part 75, an affected unit under 40 CFR Part 72, Section 72.6(a)(3). [40CFR 72.6(a)(3)]
10. An allowance allocated by the EPA administrator under the Acid Rain Program is a limited authorization to emit SO₂ in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the acid rain permit application, the acid rain permit, or the written exemption under 40 CFR Part 72, Sections 72.7, 72.8, or 72.14, and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization. [40 CFR 72.9 (c)(6)]
11. An allowance allocated by the EPA Administrator under the Acid Rain Program does not constitute a property right. [40 CFR 72.9(c)(7)]

Excess Emissions Requirements

12. The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR Part 77. [40 CFR 72.9(e)]
13. The owners and operators of an affected unit that has excess emissions in any calendar year shall: [40 CFR 72.9(e)(2)]
 - (A) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR Part 77; and[40 CFR 72.9(e)(2)(i)]
 - (B) Comply with the terms of an approved offset plan, as required by 40 CFR Part 77. [40 CFR 72.9(e)(2)(ii)]



FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

Recordkeeping and Reporting Requirements

14. Unless otherwise provided, the owners and operators of the source and each affected unit at the source that are subject to the acid rain provisions under Title IV shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the EPA Administrator or the Executive Officer: [40 CFR 72.9(f)(1)]
 - (A) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative; [40 CFR 72.9(f)(1)(i)]
 - (B) All emissions monitoring information, in accordance with 40 CFR Part 75; [40 CFR 72.9(f)(1)(ii)]
 - (C) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and, [40 CFR 72.9(f)(1)(iii)]
 - (D) Copies of all documents used to complete an acid rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [40 CFR 72.9(f)(1)(iv)]
15. The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR Part 72 Subpart I and 40 CFR Part 75. [40 CFR 72.9(f)(2)]

Liability

16. Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete acid rain permit application, an acid rain permit, or a written exemption under 40 CFR Part 72, Sections 72.7, 72.8, or 72.14, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to Section 113(c) of the Act. [40 CFR 72.9 (g)(1)]



FACILITY PERMIT TO OPERATE

LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

17. Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to Section 113(c) of the Act and 18 U.S.C. 1001. [40 CFR 72.9 (g)(2)]
18. No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect. [40 CFR 72.9 (g)(3)]
19. Each affected source and each affected unit shall meet the requirements of the Acid Rain Program. [40 CFR 72.9 (g)(4)]
20. Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source. [40 CFR 72.9 (g)(5)]
21. Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR Part 72, Section 72.44 (Phase II repowering extension plans) and 40 CFR Part 76, Section 76.11 (NOx averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR Part 75 (including 40 CFR Part 75, Sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative. [40 CFR 72.9 (g)(6)]
22. Each violation of a provision of 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act. [40 CFR 72.9 (g)(7)]

Effect on Other Authorities

23. No provision of the Acid Rain Program, an acid rain permit application, an acid rain permit, or a written exemption under 40 CFR Part 72, Sections 72.7, 72.8, or 72.14 shall be construed as: [40 CFR 72.9 (h)]



FACILITY PERMIT TO OPERATE LA CITY, DWP HARBOR GENERATING STATION

APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

- (A) Except as expressly provided in Title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of Title I of the Act relating to applicable National Ambient Air Quality Standards or state implementation plans; [40 CFR 72.9 (h)(1)]
- (B) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act; [40 CFR 72.9 (h)(2)]
- (C) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudence review requirements under such state law; [40 CFR 72.9 (h)(3)]
- (D) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or, [40 CFR 72.9 (h)(4)]
- (E) Interfering with or impairing any program for competitive bidding for power supply in a state in which such program is established. [40 CFR 72.9 (h)(5)]